M. A. R. 57 (Rule 116) No. D

Measurement Book

Serial No. 1ST and Final Bill

178063

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency. Sri: B.G. Srinivasa

Date of commencement of work.....

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Name of work:- Construction of U' Slab drain to SWD at Cross behind St dorant school in ward no 16 Jalahalli & RR Nagar Zone.						
	Name of Agency:- Sri B.G. Srinivasa, No 38, 7th Cross 1st stage Kalyan nagar, Nagarabhavi Bangalore - 72.						
	Authority:- Work order no EE/SWD/RR-2/WO/11/2019-20 dated 28.08.2019.						
	JO Code no : 016-19-000012						
	Head of Account: P 3297 1415 Finance.						
	Bill of Recording:-						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Item No 1	Dismantaling & Cleaning Concrete	2	17.80.	0.60	0.10	2.13 cum	D.B.R. 4.09.19
Item No 2	Dismantaling of S.S.M.	2	17.80	0.60	1.40	29.90 cum	D.B.R 4.09.19
Item No 3	Diversion of water Course by Provide Cutter Dam	1	17.80	0.90/2	0.90	12.01 cum	D.B.R 6.09.19
Item No 4)	Earth work Excavation for foundation in marshy soil	1	17.80.	4.0	0.60	42.72 cum	D.B.R 6.09.19
Item No 5)	Earth work Excavation for foundation in ordinary soil	1	17.80	5.0	0.90	80.10 cum	D.B.R 6.09.19
Item No 7	Providing & filling foundation with boulder. deduct 50% of Item No 2 for available boulders.	1	17.80	4.00	0.30 (-)	21.36 cum 14.95 cum 6.41 cum	D.B.R 9.09.19

Assistant Executive Engineer

M. A. R. 57 (Rule 116)
Measurement Book

No. D 178064

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Limited to B.O.Q quantity. 5.40 cum.						
Item No 6)	Boulder filling with available Stone i.e 50% of Item No 2	i.e	29.90/2	=		14.95 cum.	D.B.R. 9.09.19.
Item No 8	Providing & laying. M15 concrete for Raft Bed	1	17.80	4.00	0.15	10.68 cum	D.B.R 11.09.19.
Item No 11	Supplying, Filling and Placing TMT bar reinforcement	Sabbir Malik AE					

Assistant Executive Engineer
SWD, R & Nagar Zone

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MEASUREMENT BOOK

Date	Full description, etc, of work	Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
Raft Bottom	Main Rod. 12φ	119 x	[0.8+3.8+0.8]	=		642.60 Rmt	D.O.R, 13.09
	Distribution 10φ	22 x	17.80	=		391.60 Rmt	
Raft Top	Main Rod. 16φ	143 x	[0.2+3.8+0.2]	=		600.60 Rmt	
	Distribution 10φ	22 x	[17.80]	=		391.60 Rmt	
Chair Rods	12φ	40 x	[0.5+0.3+0.75+0.3+0.5]	=		96 Rmt	
Wall Rods							
	Bolt L/S & R/S wall outer Rods. 16φ	2x119 x	[2.4+0.3+1.20]	=		938.20 Rmt	D.O.R 19.9.19
	Bolt L/S & R/S wall inner Rods 12φ	5x119	[2.4+0.37+0.30+0.2]	=		761.60 Rmt	
	Distribution Row 10φ	2x2x14	[17.80]	—		996.80 Rmt	
	V Rods in both walls 12φ	2210	[1.20]	—		24.00 Rmt	

Sd/- Executive Engineer

M. A. R. 57 (Rule 116) No. D
Measurement Book

178065

Serial No ..... From ..... To .....
Name of work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc. of work	Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	ABSTRACT Total 12mm φ =		1522.20 x 0.89 =			1354.75 Kg	
	16mm φ =		~~600.60~~ x 1.58 =			~~948.94 Kg~~ 2415.50 Kg	
	10mm φ =		1780.60 x 0.62 =			1103.60 Kg	
						~~3407.29 Kg~~ 4873.55	
				OR		3.60 MT	4.87 MT
Item no 9	Providing M 25 concrete for Raft	1	13.80	3.80	0.850	23.670 (CUM).	13.09.19
Item no 10	Providing M 25 concrete for walls,	2	13.80	(0.3+1.25)	x 0.40 =	23.69 (CUM)	19.09.19

Sd/- Executive Engineer

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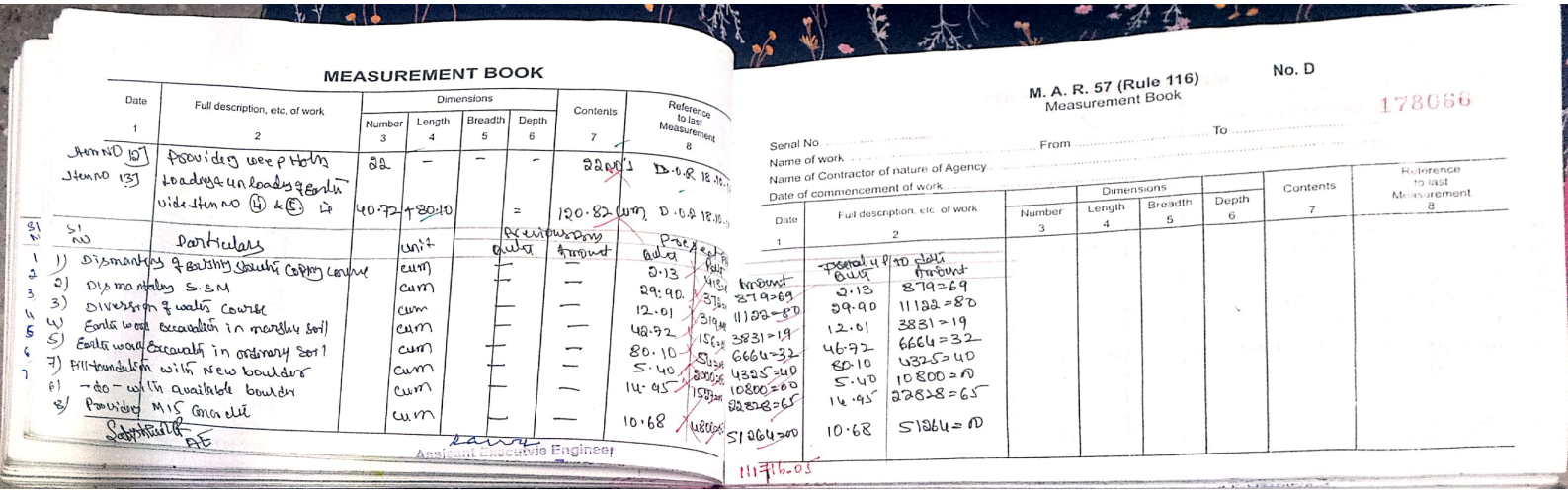

MEASUREMENT BOOK

M. A. R. 57 (Rule 116) — Measurement Book — No. D

178086

Serial No. ..... From ..... To .....
Name of work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc. of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
Item NO 10]	Providing weep Holes	22	—	—	—	22.00	D.O.B 18.12.
Item NO 13]	Loading & unloading of Earth vide Item NO (4) & (5)	40.72	80.10		=	120.82 cum	D.O.B 18.12.

Sl No	Particulars	Unit	Previous Rate Quty	Previous Rate Amount	Present Rate Quty	Present Rate Amount
1	1) Dismantling & salvaging boulder Coping course	cum	—	—	9.13	879=69
2	2) Dismantling S.S.M	cum	—	—	29.90	11122=80
3	3) Diversion & water course	cum	—	—	12.01	3831=19
4	4) Earth work excavation in marshy soil	cum	—	—	48.72	6664=32
5	5) Earth work Excavation in ordinary soil	cum	—	—	80.10	4325=40
6	7) Filtermaterial with new boulders	cum	—	—	5.40	10800=00
7	8) -do- with available boulder	cum	—	—	14.95	22828=65
	9) Providing M15 Concrete	cum	—	—	10.68	51864=00

Assistant Executive Engineer

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Particulars		Unit	Previous Qnty	Previous Amount	Present Qnty	Present Rate
9)	Providing M 25 concrete to Raft		Cum	—	—	83.67	Sim
10)	Providing M 25 concrete to wall.		Cum	—	—	83.69	Sim
11)	Supplying fixing TMT steel		MT	—	—	3.45	60
12)	Providing weep holes		NO	—	—	22.00	158
13)	Loading & unloading supplies Earth		CUM	—	—	120.82	80
						Total	
						And 121.65T	

M. A. R. 57 (Rule 116) No. D
Measurement Book

Serial No. ..... From ..... To 173067
Name of work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Up to date					Certificate	
	Qnty. Amount						
120717=00	83.67 120717=00					1) Certified that the contractor has done the work satisfactorily	
127936=00	83.69 127936=00					2) Certified that the contractor has removed debris from the work site	
204000=00	3.45 204000=00					3) Amount claimed in this bill is not claimed in any other bill	
3476=00	22.00 3476=00					4) Certified that the contractor has used R.M.C concrete.	
9665=60	120.82 9665=60					Satisfactorily	
665700=65	665700=65					JE	
77500=65	RA 77500=65						
69800=00	79884=00						
646800=92	RA 646800=92						
745584=65	745584=65						
	745584.05						

25/10/19
Assistant Executive Engineer
SWD. R.R Nagar Zone
B.B.M.P Bangalore

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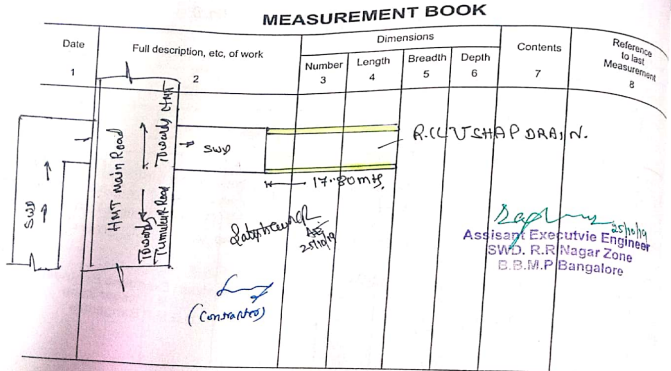
MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8



Assisant Executvie Engineer
SWD. R.R.Nagar Zone
B.B.M.P Bangalore
25/11/19

M. A. R. 57 (Rule 116) No. D

Measurement Book

178068

Serial No ..... From ..... To .....

Name of work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc. of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	Present - 7,145,584 =00						
	IT - 7,500 =00						
	CGST - 6,657 =00						
	SGST - 6,657 =00						
	WWC - 7,500 =00						
	CBF - 800 =00						
	LR - 3,0200 =00						
	Deduct 32,314 =00						
	Net 7,113,270=00						

Audited & Admitted for Rs. 7,145,584=00
Pay by cheques Rs. 7,113,270=00
By Adjustment Rs. 32,314 =00

Accts. Suptd.
SWD, BBMP

Exe. Engineer
SWD, BBMP
9/3/2020

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